

Amateur Computer Group of New Jersey NEWS

Volume 39, Number 01

January 2014

Main Meeting/Election Report

Brenda Bell, ACGNJ

On December 6, 2013, we held our Annual Business Meeting, with 8 persons attending. Having reached a quorum, the meeting was called to order at 9:09 PM.

Mike Redlich presented a President's Report.

Malathi Masurekar presented a Treasurer's Report.

Several topics were raised for discussion, including membership issues and outreach to other clubs.

Election results. Without discussion, and with *no* additional candidates being nominated for our two *still* open Director positions, John Raff moved that the Secretary cast one vote for the pat slate. The motion was seconded and carried.

President: Michael Redlich

Vice-President: Wendy Bell

Secretary: Brenda Bell

Treasurer: Malathi Masurekar

Directors (Two year term, through end of 2015):

Gregg McCarthy

John Raff

Frank Warren

Directors (From *last* year, through end of 2014):

Bob Hawes

David McRitchie

Michael Reagan

The meeting was adjourned at 9:31 PM. ☞



<http://www.acgnj.org>

Founded 1975

ACGNJ Meetings

For the very latest news on ACGNJ meetings, please visit the ACGNJ Website (www.acgnj.org).

Board of Directors Meeting: ~~December 31, 7:00 PM~~

MOVED to Friday, January 3, 7:00 PM.

(Due to the New Year's Holiday)

Board of Directors Meeting: **Friday**, Jan 3, 7:00 PM

Mike Redlich (president (at) acgnj.org)

Main Meeting: Friday, January 3. 8:00 PM

Mike Redlich (president (at) acgnj.org)

Lunics (Linux/UNIX): Monday, January 6, 8:00 PM

Andreas Meyer (lunics (at) acgnj.org)

Investing: Thursday, January 9, 8:00 PM

Jim Cooper (jim (at) thecoopers.org).

NJ Gamers: Friday, January 10, 6:00 PM

Gregg McCarthy (greggmajestic (at) gmail.com)

Layman's Forum: Monday, January 13, 8:00 PM

Matt Skoda (som359 (at) gmail.com)

Java: Tuesday, January 14, 7:30 PM

Mike Redlich (mike (at) redlich.net)

Window Pains: Friday, January 17, 7:00 PM

!!!WARNING!!! This meeting will NOT be held in our usual location. Please see the Window Pains announcement on page 3 for further details.

John Raff (john (at) jraff.com)

Web Browser: Monday, January 20, 7:30 PM

David McRitchie (firefox (at) acgnj.org)

C/C++: Tuesday, January 21, 7:30 PM

Bruce Arnold (barnold (at) ieee.org)

All meetings, unless otherwise noted, are at the Scotch Plains Rescue Squad, 1916 Bartle Ave, Scotch Plains, New Jersey. Directions and map on last page. ☞

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President	Mike Redlich	(908) 246-0410	Director Emeritus	Sol Libes	(609) 520-9024
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			Through 2014	Bob Hawes	
				David McRitchie	
				Michael Reagan	
				(Open)	
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Genealogy	Frank Warren	(908) 756-1681			
Hardware	Mike Reagan		Standing Committees		
Investing	Jim Cooper		APCUG Rep.	Frank Warren	(908) 756-1681
Java	Michael Redlich	(908) 246-0410	Facilities	John Raff	(973) 533-0664
Layman's Forum	Matthew Skoda	(908) 359-8842	Financial	Evan Williams	(908) 359-8070
LUNICS	Andreas Meyer		Historian	Lenny Thomas	
Mobile Devices	Brenda Bell		Membership	Bob Hawes	
NJ Gamers	Gregg McCarthy		Newsletter	Bob Hawes	
Web Browser	David McRitchie		Publicity	Gregg McCarthy	
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Submissions: Articles, reviews, cartoons, illustrations. Most common formats are acceptable. Graphics embedded in the document must also be sent as separate files. E-mail submissions to newsletter@acgnj.org preferred. **Always confirm.** Date review and include name of word processor used, your name, address and phone and name, address and phone of manufacturer, if available.

Tips for reviewers: Why does anyone need it? Why did you like it or hate it? Ease (or difficulty) of installation, learning and use. Would you pay for it?

Advertising: Non-commercial announcements from members are free. Commercial ads 15 cents per word, \$5 minimum. Camera ready display ads: Full page (7 x 10 inches) \$150, two-thirds page (4.5 x 10) \$115, half-page \$85, one-third \$57, quarter \$50, eighth \$30. Discount 10% on 3 or more consecutive insertions. Enclose payment.

Publication Exchange: Other computer user groups are invited to send a subscription to ACGNJ at the address below. We will respond in kind.

Address Changes should be e-mailed to membership@acgnj.org or sent to ACGNJ at the address below.

Membership: Regular (now includes *all* family members who reside at the same address): 1 year \$25, 2 years \$40, 3 years \$55. Student: 1 year \$20. Senior Citizen (over 65): 1 year \$20, 3 years \$45. Send name, address and payment to ACGNJ, PO Box 135, Scotch Plains NJ 07076.

Typographic Note: This ACGNJ News was produced using Scribus 1.3.3.13. Font families used are Times New Roman (TT) for body text, Arial (TT) for headlines.

E-Mail Addresses

Here are the e-mail addresses of ACGNJ Officers, Directors and SIG Leaders (and the Newsletter Editor). This list is also at <http://www.acgnj.org/officers.html>.

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ACGNJ Announcements

Main Meeting

Friday, January 3, 2014, 8:00 PM to 10:00 PM

Topic: There's An App for That.

Speaker: Brenda Bell.

Window Pains Meeting

Friday, January 17, 2014, 7:00 PM to 9:00 PM

Topic: Win 8.1/Haswell Chip/Makerbot 3D Printer.

Speaker: Microsoft Store. (See directions below).

Note: The Window Pains Meeting starts **EARLY**, at 7:00 PM, because The Microsoft Store **CLOSES** at 9:00 PM.

Window Pains Directions (To Bridgewater Commons Mall)

For the first time in quite a while, our January 17 Window Pains Meeting will **NOT** be held in our usual location at the Scotch Plains Rescue Squad. Instead, it will be held at the **Microsoft Store** in the **Bridgewater Commons Mall** (400 Commons Way, Bridgewater, NJ 08807). The Microsoft Store is on the second (middle) level of the Macy's wing of the main mall. Here's a link:

<http://content.microsoftstore.com/detail/Bridgewatercommons>

From North of Somerville (Morristown, I-80 E or W, I-78 E or W):

Take Route I-287 South.

Take exit 17 on the left to merge onto US-202 S/US-206 S toward US-22 W/Somerville/Flemington.

After 0.7 mi, take the Commons Way exit toward

Garretson Rd.

After 0.2 mi, turn left onto Commons Way.

After 0.3 mi: Bridgewater Commons Mall.

From South of Somerville (New Brunswick, Perth Amboy, Trenton):

Take Route I-287 North.

Take exit 14B on the left to merge onto US-22 W toward US-202/US-206/Clinton.

After 2.6 mi, take the US-202 N/US-206 N ramp to I-287 N/Morristown/Netcong.

After 436 feet: Bridgewater Commons Mall.

From East or West of Somerville:

Make your way to Route I-287:

If you are North of Somerville, head South.

If you are South of Somerville, head North. 

Follow the appropriate directions above.

President's Note

Michael P. Redlich, ACGNJ

January 2014

Happy New Year!

On behalf of the ACGNJ Board of Directors, I would like to wish everyone a very Happy New Year! We hope you all had a wonderful Holiday season and look forward to seeing you at all of the club events this year and at the Trenton Computer Festival in March.


On December 6, 2013, we held our annual Business Meeting that included elections of Officers and Directors. All of the incumbents whose tenure was expiring at the end of December 2013 were re-elected, but we still have two (2) open Director positions. A list of Officers and Directors was shown on page 1. (Two more ACGNJ Officers **not** listed there are Director Emeritus Sol Libes and Past President Evan Williams).

I would like to see those two (2) open Directors positions filled in 2014. If you are interested, please

send an e-mail to board@acgnj.org. The time commitment is essentially attendance at ten (10) Board of Directors meetings throughout the year with dinner provided.

The scheduled topics for this month's Main and Window Pains meetings are: "There's An App for That" presented by Brenda Bell (January 3), and "Windows 8.1/Haswell Chip/Makerbot 3D Printer" presented by Microsoft (January 17).

Please note that the January 17 Window Pains meeting will be held at the Microsoft Store in the Bridgewater Mall. (Please see the directions above). As always, please check the ACGNJ web site (<http://www.acgnj.org/>) for last minute changes.

I hope to see y'all at the meetings this year! We have a lot of exciting talks scheduled this year! 

ACGNJ Investment Meeting SUMMARY (December 2013)

Philip Lees, ACGNJ

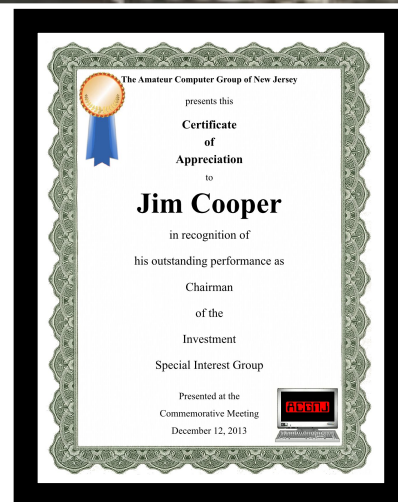
We had another very nice meeting on Thursday, 12/12/2013 to round out 2013. We had **10** attendees, it was the last meeting of 2013 and we were saying a "thank you" to Jim Cooper. It was a lot of fun, with loads of questions and interactive discussion, which makes for interesting meetings.

Jim started the meeting discussing options, laying out the basics of options and then moving on to discuss option spreads, noting their implicit function of limiting risk. There were a lot of questions and discussions on the specifics of option spreads. If there is further interest in the subject, we can expand upon this next year.

Then we went into the "social" time, where we presented Jim with a certificate from the group members and a cake, to respectfully recognize him for all of his efforts throughout 2013 for the group. In the image of the cake, in the icing, there is an illustration of a "market-top" reversal pattern. If you want to know more on that topic, please attend the meetings.

Everybody have healthy and happy holidays, and we look forward to seeing you in 2014, where we will aim for a prosperous New Year. 😊

Once again, please attend the meetings, everybody learns from them. We hope to see you at January's meeting, **1/9/2014**. Thank you. Philip Lees. 📧



ACGNJ Mini-Reports

Java SIG Report

Mike Redlich, ACGNJ

The Java meeting on December 10, 2013, was canceled due to inclement weather. With the holidays upon us, I thought it would be best to just wait until the next regularly scheduled date in January for the next Java Users Group meeting. 📧

(Note: The Main Meeting Report was printed on page 1).

Window Pains Report

At the Window Pains Meeting on December 20, 2013, we held our annual Holiday Party. Ice cream cake, chips & dip, and soft drinks were served. A total of seven (7) members were present for this social event, with lots of one-on-one discussions. As at all but one of our previous ACGNJ parties, the ice cream cake was completely consumed. 📧

Green Cheese???

Bob Hawes, ACGNJ

The wacky saying "The moon is made of green cheese" has been around for a **long** time. I first heard it when I was a kid; but it was already ancient even then. It was only recently, while doing research for this article (via Wikipedia, The Free Encyclopedia) that I learned that "green" does **not** refer to color. Rather, it refers to a state of newness. "Green cheese" is a term applied to freshly made cheese

(cheese which hasn't completely dried out yet). So calling it "wet cheese" or "new cheese" would have been more accurate. (If, indeed, the concept of accuracy can be applied to such a **non**-factual saying). There **is** such a thing as a "new moon", though. That's when the "dark side" of the moon is facing the earth, so you **can't** actually see it. It's like the moon wasn't really there; and as you'll see below,

as far as *this* article is concerned, that's more or less correct.

In our August 2010 issue, I wrote an article titled *Forgotten Secrets From The Ancient Past*. There, I nostalgically recalled my good old DOS desktop publishing days (in the late eighties and early nineties). Among other things, I included copies of my cover illustrations from the October 1991 and October 1992 snail-mail newsletters that I made for the Bayonne Train Club. They were both “night” scenes, and each featured a different witch flying across the full moon. Although a year apart, I used the same technique to produce both images.



Original Copies

1991

1992



Note that in July of 2010, when I used the flat-bed scanner built into my then-new printer to import the cover pages from those two newsletters, it was the first time that *either* of my witches had *ever* been

(Continued Above Right)

sky” background had *already* been printed in black). Then, after I'd fastened everything else in place on the other pages made for that particular issue, I photocopied those pages again, producing “copy masters” that could be taken to a copy center and safely run through high speed copiers, without the danger of anything falling off and gumming up the machinery.

For our October 2012 issue (my first “Halloween Episode” as full time Editor), I put a copy of my 1991 Full Moon Witch on page 1. I put another copy of her near the end of *Logo Mania* (my article for our November 2012 issue). In my text, I said; “She's actually irrelevant to this particular article; but I was *very* proud of her once, so I decided to mention her again here”. For our October 2013 issue, I put a copy of my 1992 Full Moon Witch on page 1.

Then (still in our October 2013 issue), I found myself with a 1.1 inch “hole” at the bottom of page 3. I needed some kind of filler, so I created a tiny article called “*Which Witch Is Which?*” (a silly and suitably Halloweenish title I'd been wanting to use

copied into *any* of my computers. To make those two “**Original Copies**”, I cropped the moons from both of the 2010 images. The 1991 copy is otherwise unedited, but I have to admit that I removed some extraneous white background from the 1992 copy. (It just looked better without it).

Eighteen or so years earlier, when I created those newsletter covers, I had a hand scanner made by Logitech. It was a *very* useful tool that could scan in a variety of images. but some things (like photographs and very tiny witches) were just flat out *beyond* its capabilities. I had to take each witch to my local Public Library and photocopy her. Then, I placed a coin over that copy, and used a black pen to trace a circle around her. Carefully cutting around that circle produced a Full Moon Witch.

Back in those good old Dark Ages, most of the “master pages” that came out of my dot matrix printer contained carefully measured blank areas, into which I would glue or tape photographs, drawings, diagrams, etc. So each of those two years, I glued my Moon Witch to page one. (The “night

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for quite a while). Unfortunately, in addition to my two Moon Witch images, I could only squeeze 72 words into that space. That was barely enough to identify those two images and to mention their origin. I didn't have any room left for the “good stuff”. (That would have to wait for another article).

In case you haven't already guessed, we're now *in* that article; and since I'd already used my “Witchy” title, what could I call this one? I chose the title *Green Cheese??? because it implies that the subject of this article involves whatever the moon is (or isn't)* made of. So exactly what *was* the “good stuff”? I'll answer that question by recycling an old Physics joke. If you were to ask me “What keeps an airplane from falling?” and I replied “Almost nothing”, I'd be **RIGHT**.

As it moves through the air, the shape of a wing causes a partial vacuum to form above that wing, diminishing the air pressure there. Thus, the unchanged normal pressure *below* the wing, now being *greater* than the pressure above the wing, pushes the whole thing up. Get it? “Partial vacuum”

(Continued On Next Page)

equals “almost nothing”. In a similar logically illogical way, the phrase “whatever the moon is (or *isn't*) made of” from the previous paragraph *doesn't* actually have *any* meaning here. That's because there is absolutely, positively **NO** moon in *either* of those two images.

Remember that when I was making our October 2012 issue, I was in the hospital, working on a borrowed laptop computer. Using the image editing tools available on that laptop, I was able to lift a copy of the 1991 witch from *Forgotten Secrets*; but I just *couldn't* lift a reasonable reproduction of both the witch *and* the moon. (The moon's circular outline just kept coming out “too jagged”). After trying several times and getting the same *unsatisfactory* results, I stopped attempting to make an image that included the moon, and I turned to some lesser known features of Scribus (my fun, fabulous and *free* Desktop Publisher) instead.

Figure 0a is a half inch by half inch frame containing *nothing*. (That's why you can't *see* anything, of course). **Figure 1a** is a half inch by half inch frame,

(Continued Above Right)

done the same for Figure 2a. In **Figure 0c**, I've taken Figure 0b and used the Scribus “Shape Property” to change that frame's “Default Shape” from a square to a circle. In **Figure 1c**, I've done the same for

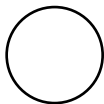


Figure 0c

A Circle
Containing
NOTHING



Figure 1c

1991 Full
Moon Witch
(Also 2012)



Figure 2c

1992 Full
Moon Witch
(Also 2013)

Figure 1b; and in **Figure 2c**, I've done the same for Figure 2b. Now, suddenly, *we've got moons!* (Cue The Capris, singing *There's a Moon Out Tonight*).

Appendix I: A No Doubt Deeply Freudian Dream

There have been times in my life when I've eaten in restaurants *a lot*. The other night, I had a dream that



Figure 0a



Figure 1a

Figure 2a

containing a copy of the image file MoonWitch1.jpg. **Figure 2a** is a half inch by half inch frame, containing a copy of the image file MoonWitch2.jpg. Note that despite the presence of the word “Moon” in both filenames, there is *no* trace of a moon in either frame. (In our October 2012 issue, the file I originally used was named MoonWitch1.png. Now, to comply with our new “JPG images *only*” policy, I've converted it).



Figure 0b



Figure 1b



Figure 2b

In **Figure 0b**, I've taken Figure 0a and used the Scribus “Colors Property” to change that frame's “Line Color” from “None” to “Black”, thus placing a black border around that *still* empty frame. In **Figure 1b**, I've done the same for Figure 1a, thus placing a black border around that image. In **Figure 2b**, I've

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took place at one such time, in one such restaurant. I knew the people there and they knew me. So nobody complained when I went in at nearly closing time. I sat down in a booth and looked at their menus. The “Specials” menu consisted of two heart-shaped sheets of paper, not even connected together; but nothing there “reached out and grabbed me”. I didn't find anything that interested me in the regular menu either. So I asked the waiter if they'd make me a cheeseburger, and he said yes. So I sat there and played with the menus as I waited. It seemed to take forever.

Then I gradually woke up, and realized that I was lying in my bed. This made me *very* sad, because I'd ***REALLY, REALLY*** wanted that cheeseburger. (Sob!) I'm sorry. I just can't go on.

See you next month. ☹

Filler Image



This GG-1 electric locomotive and its passenger cars were also in *Forgotten Secrets From The Ancient Past*. I made them over twenty years ago, using my Logitech hand scanner and good old DOS image editing software.

Take One Tablet and Text Me in the Morning

*Greg Skalka, President, Under the Computer Hood User Group
Newsletter: Drive Light (www.uchug.org) president (at) uchug.org*

I've been pretty lucky with contests in 2013. My winning started at our group's January meeting, where I won the copy of Office Professional 2010 that Microsoft gave away at our party at the Microsoft store. Then at a local electronics component trade show in May, I won a drawing for an iPad Mini. Though it was the low-cost 16GB Wi-Fi version, it was still a more expensive tablet than I would have bought for myself.

I had been thinking of getting a new tablet, as the low-cost Velocity Micro Cruz reader I bought a few years ago was never more than fair at getting on the Internet. Since my wife had gotten a Kindle Fire HD for Christmas and my son bought himself a Google Nexus 7, I felt left out of the tablet world. I initially considered selling the iPad and buying a Nexus 7, but in the end kept it, concluding that this was probably the only way I was going to own an Apple product.

I have nothing against Apple; I think they make very

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or from the iPad easily. It appears to have a great camera, but I have not been able to transfer photos. Problems with my Apple ID are contributing to the lack of wider use, and I'm still confused as to how to easily bridge the Apple and PC worlds.

In spite of relatively little use, the iPad did work well for me while on two weekend getaways with my wife early this summer. I'm accustomed to taking my laptop with me when traveling (I prefer a smaller 14" screen for greater portability), but on these trips I also brought the iPad along as it is so small. Since it is so quick to start up, the tablet became my preferred device for web searches for nearby restaurants and attractions. Once back home, however, I went back to my PC ways.

A few weeks ago I learned that I was a winner once again. I had entered a web contest with Littelfuse, a manufacturer of electronics protection components, and got the call that I was one of 10 winners of their Speed2Design contest (www.speed2design.com/contest). The prize was a trip to the NASA Ames Research Center in Mountain View, CA, for an all-

good products, but feel they are overpriced. Though I may admire BMW automobiles, I'm fairly certain I'll never own one for the same reason. For me, it is all about value. I'd never considered buying an iPad Mini, as I felt there were a number of alternatives that were at least almost as good, but at 2/3rds of the price. I've known a number of Apple fanatics, some acting like cult followers. I figured this windfall would allow me to more fairly review an Apple product and perhaps give me some insight into the cult.

Though I've had the iPad for a few months, I have not really made much use of it. Its ability to browse on the web is excellent, beating my old Cruz reader by at least an order of magnitude. The iPad easily displays any web page and allows me to bypass those horrible mobile-oriented pages that seem so neutered. Still, I favor wired network connections at home, so I've used the iPad mostly when traveling. I also have not yet figured out how to transfer files to

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day engineering-oriented tour on August 15.

Prior to this, I had not considered my streak of luck in contests so significant that I should block out the time in my schedule for the prize trip when entering. I received notice that I had won only two weeks before the NASA trip, so was fortunate that the trip did not interfere with the family mini vacation to Catalina Island I had scheduled for two days afterwards. Since I had already scheduled vacation for the Catalina trip, I decided to minimize the vacation needed for the NASA trip and fly up to San Jose in the afternoon on Wednesday, the day before the tour. I needed to be there at the hotel by 6 PM for a reception, and felt flying mid-afternoon on Southwest Airlines would get me there in time. I'd flown to San Jose many times for business and was very familiar with the airport and area, justifying my lack of much margin on the travel arrangements.

Air travel used to be fun, but now with all the security scrutiny, crowded airports, baggage restrictions and added fees, it has become something like going into battle. I signed up for flight updates

by text message with Southwest and with my favorite flight tracking website, Flightaware (www.flightaware.com). While still at work on my departure day, I received messages that my flight's departure would be delayed by 35 minutes. Since I believe delays breed delays, I started getting anxious about arriving in time for the evening reception.

I had planned on bringing my laptop and checking a bag (I like to be prepared, which often means bringing more stuff than I typically use), but with the news of my flight delay, I decided to see if I could just carry everything on and eliminate the time waiting in the baggage claim area in San Jose. Since this seemed more reasonable if I left the laptop at home, I decided to take only the iPad. I rushed home from work, repacked my bags to take only the tablet, and headed for the airport. Fortunately, my flight was not delayed further, and I made it to the reception in time.

Littelfuse really treated us great, and put us up at the Santa Clara Marriott. My only gripe with the hotel was that they charge \$6 per day for in-room Internet

access (\$13 for bandwidth enough for video chat and streaming video). The hotel did provide free Wi-Fi in their lobby, but once again it is indicative of this added-fee culture in the travel business. I've stayed in hotels all over the Bay Area and had always found free in-room Internet access. And this is in the city of Santa Clara, which provides free public Wi-Fi over most outdoor areas of the city (when Santa Clara switched to smart power meters this year, it provided the free Wi-Fi in conjunction with the wireless network needed to read the meters). I was able to sit in the Jack In the Box across the street from the hotel Friday morning after the tour and surf the web on the Santa Clara city network while having breakfast (sorry, I'd forgotten my other Marriott gripe: their hotel breakfast was \$22).

The NASA tours arranged by Littelfuse on Thursday were the experience of a lifetime. Our day was packed with tours and presentations on nine different topics, all of which were excellent. In addition to touring the world's largest wind tunnel and learning about NASA's latest efforts to sustain humans in the

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closed environment of a space station though forward osmosis filtration of waste liquids, I saw several items that would have been of particular interest to our group. One was the Hyperwall display and Pleiades supercomputer.

Pleiades is a 1.79 petaflop supercomputer, made up of 130,000 cores in 182 racks. To make sense of the results of the complex simulations run on it, NASA uses the Hyperwall, a matrix of displays 12 wide and 7 high. It can all be devoted to the display of one simulation, like a world-wide view of ocean currents, or instead display the outputs of many simulations at once (<http://vimeo.com/71358105>). And I thought my dual display of 23" monitors at work was hot stuff.

Another interesting project we saw was the PhoneSat. To try to reduce costs and gain more knowledge quickly, NASA has developed small cube satellites (approx. 4" x 4") based on cell phone processors (<http://vimeo.com/71356259>, www.phonesat.org). In early incarnations, there were actual cell phones built into the cubesat. The phones they prefer

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to use are based on the open source Android operating system (sorry, Apple).

On the flight back from San Jose, I was on a Southwest plane with inflight Wi-Fi. They of course wanted a fee for web browsing (\$8 per day), but on that flight they also had some free live and on-demand TV shows courtesy of Dish Network. The iPad Mini provided a great display for the TV, but since I had not brought headphones, I had to settle for watching their free flight tracker for most of the flight. Installing this Wi-Fi system in their planes is a win-win situation for Southwest, as they can get the extra revenue from the Internet and movie fees as well as save flight weight, as they are making their passengers bring their own screens for movies.

The iPad Mini worked so well on the Littelfuse NASA trip that I again took it in place of my laptop on the Catalina trip. With Wi-Fi at our hotel, it again was great for checking on activities and dining on the web. It is certainly a lot lighter and easier to travel with than a laptop. It does not fill all the travel needs that a laptop does, however.

One thing I have used my laptop for on travel is for photo storage. When my camera's memory card is full, the photos can be transferred to the laptop's hard drive. With the iPad Mini, which has no SD card slot and limited internal memory, I had to bring enough spare SD memory cards for the camera. Another thing I do frequently is to create a document before each of my trips, which contains all the trip information (flight, hotel and rental car times and confirmation numbers, planned activity details and other trip info). I typically keep this document on the USB Flash drive I always carry with me, and then

can view it on my laptop if I lose the paper copy. With no USB capability on the iPad, I have to rely only on the paper copy. I suppose I could have put the document in the cloud so it could be viewed on the tablet, but I don't think I want all my travel details in the cloud. For a short trip, the tablet works well, but the laptop might be better on longer ones.

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The Tip Corner

Bill Sheff, Novice SIG Coordinator, Lehigh Valley Computer Group, PA
Newsletter: The LVCG Journal (www.lvcg.org) [nsheff \(at\) aol.com](mailto:nsheff@aol.com)

Custom Installs

Remember the good old days when you loaded a new program by just clicking the recommended button? Don't do that anymore. When you are going to install a new program, or even an update, do not use the "normal" install. Always use the custom

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clicking on the custom button you will have the ability to unclick or decline to add the extra add-ons that lie beneath the recommended settings. So if you are wondering how all those extra tool bars and other pop-ups are appearing, installing the recommended settings is one of the reasons.

Digital Assets

If you have information stored on line such as YouTube, Gmail or even Picassa there is now a way to make sure it goes where you want it to go after you die. It is Google's Inactive Account Manager. This feature allows you to give your consent to transfer data such as stored emails, family photos, etc. to your executor or other designee. You should authorize your executor to work with such services as Facebook and Yahoo to transfer your stored information. Additionally, you can encrypt your passwords in programs such as Legacy Locker and Planned Departure, but you will still need someone to ensure your assets go to the right place.

Flickr Improvements.

Flickr, the online photo sharer run by Yahoo has

install button. Why? Let me tell you. Today they are figuring out how to cram more and more advertisements onto a screen, and within a program. When you click on the normal install button you will end up with extra tool bars and all sorts of other programs (search engines are one of them). By

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some new improvements. Here are some of what they are offering:

High Resolution Image Sharing & Viewing – Files Up To 200 MB In Size.

Video Sharing Up to 1 GB In Size

One Terabyte Of Image & Video Storage Free

New Updated Interface & Sharing Options

Updated Android & iOS Apps

You can share photos with friends by sending them to your Flickr page, share photos on social media sites by clicking Share or sending direct links to your images via the "Grab The Link" function. You can download this program at Flickr.com.

Menu Folder

Here are a couple of ways to add the Tool Bar (File, Edit, View, etc.) on top.

In Vista and Win7 the top menu is disabled by default, but if you like it here is how to get them back. For a temporary fix, from within a folder just press the Alt key. Press Alt key again and it is gone. Temporarily is fine, but for a more permanent fix just open a windows folder (Start > Documents >

AnyFolder), left-click on Organize. On the drop-down menu, left-click on Layout. A new menu will pop up. Move your Cursor to Menu Bar (it's at the top of the menu) and left-click to put a check by it. The menu bar pops up.

To disable the menu bar just do the reverse and when you click on Menu Bar it will remove the check mark.

And finally, just go to Control Panel> Folder Options > View. Then under Advanced Settings > Files and Folders> find "Always show menus", and click on that. Again to reverse that do the same instructions and unclick the "Always show menus."

Hard Drive Full

If your PC tells you your hard drive is almost full what can you do? A full hard drive can create a slow computer and ultimately a possible hard drive failure. You always have to have extra space on your hard drive for your operating system to temporarily move files around, use the hard drive as a memory cache and just to have some breathing room of about ten to fifteen percent. But sometimes a hard drive

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eight or even ten years. When a hard drive starts failing, it can throw off all kinds of incorrect and erroneous messages, including telling you it's full when it's not. One clue to this is if your computer wants to do a disk check every time that you boot up. If that's the case, then you probably have multiple failed sectors on your disk and it's time to replace it. If it's more than five years old, and nothing above works for you, you may consider replacing it anyway. In all of these situations backing up to an external drive might keep you from losing data. Drives are cheap. Pictures, programs and other data are irreplaceable. Okay, so here are some programs that will help you analyze your hard drive, thanks to HowToGeek.com: 10 BEST FREE TOOLS TO ANALYZE HARD DRIVE SPACE ON YOUR WIN PC – TREEMAP HD. (We will give these to Bill Armstrong to see if we can put them on our site).

<http://www.howtogeek.com/113012/10-best-free-tools-to-analyze-hard-drivespace-on-your-windows-pc/>

SpaceSniffer

SpaceSniffer is a portable, freeware program that

full indicator means something else. So here are three scenarios to review.

Number one is it is just too full. You can use clean-up, which can remove some unnecessary files, but usually this is not too significant. So, make sure your recycle bin is empty. Also, if you are doing backups on the same drive, that would create a full drive. Another option would be to get an external drive and put all your personal data such as pictures and documents onto it. This should free up quite a bit of storage.

Number two is that you've got a virus. Run a good anti-virus software to try and remove it. One variation fills up your hard drive as fast as you can empty it. A word of caution. If you get a pop-up that says "Your computer has a virus! Click here to fix it." DON'T! This usually will install a program on your computer. It might be just a commercial, or it could be a virus. Use your tried and true virus checker.

Finally, it could be that your hard drive is failing. Average life for a hard drive these days is seven,

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helps you understand the structure of the folders and files on your hard drives. The Treemap visualization layout used by SpaceSniffer helps you to immediately visualize where big folders and files are placed on your devices. The area of each rectangle is proportional to that file's size. You can double-click on any item to see more detail. If you're searching for specific file types, such as all .jpg files, or for files older than a year, or any other condition, use the Filter field to limit the results to only those files. For help with how to use the filtering feature, select Filtering help from the Help menu.

WinDirStat

When WinDirStat starts, it reads the whole directory tree once and presents it in three useful views. The directory list, which resembles the tree view in Windows Explorer, displays on the upper left and is sorted by file/subtree size. The extension list is a legend that displays on the upper right and shows statistics about the different files types. The treemap takes up the bottom of the WinDirStat window. Each colored rectangle represents a file or directory, and

the rectangles are nested, representing subdirectories and files within the directories. The area of each rectangle is proportional to the size of the files or subtrees. The colors of the rectangles for files indicate the file extensions that correspond to the extension list.

TreeSize Free

TreeSize Free allows you to start the program normally or from the context menu for a folder or a drive. It shows you the size of the selected folder, including its subfolders. The tree is like Windows Explorer in that you can expand every subfolder within the selected folder or drive and drill down to the file level. The results are visible as TreeSize Free scans the selected folder or drive. You can download TreeSize Free as a portable program or as an installable file. To get the option on the context menu, you must download the installable file and install the program.

Disktective

Disktective is a free, portable utility that reports the real size of your directories and the distribution of

the subdirectories and files inside them. You are asked to select a directory or drive when Disktective opens. The selected folder or drive is analyzed and a tree view displays on the left side of the window and a pie chart with percentages displays on the right. Because Disktective doesn't need to be installed, you can take it with you on a USB flash drive to analyze the flash drive or any Windows computer you come across.

DiskSavvy

DiskSavvy is a fast, easy-to-use disk space analyzer that allows you to analyze disk usage for your hard disks, network share drives, and NAS storage devices. The main window shows you the percentage of disk space used by each directory and file. You can also easily view pie charts or bar charts showing the results in graphical format.

DiskSavvy is available as a freeware version, a Pro version, and an Ultimate version, each successive version providing additional features. The freeware version allows for a maximum number of files of 500,000 and a maximum storage capacity of 2 TB. It

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has support for long filenames, Unicode filenames, and UNC network path names and allows you to copy, move, and delete files directly within the program.

JDiskReport

JDiskReport is another free tool that presents an analysis of the selected folder or drive as a pie chart, ring chart, bar chart, or in a detailed table. Click the Scan a file tree button (magnifying glass) on the toolbar to select a drive or folder and start the scan. The Folders tree view in the left pane presents a Windows Explorer-like tree allowing you to easily access all the subfolders in the selected folder or drive. Multiple tabs at the top of the right pane provide different ways to view the results of the scan. Each tab also has options at the bottom for additional different views. There are buttons on the toolbar that allow you to sort by size or name and to show the file size or number of files on the selected tab as appropriate.

GetFoldersize

For each folder in the selected folder or drive,

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GetFoldersize displays the total size for all the files in that folder or drive and the number of files and subfolders within the folder or drive. You can use GetFoldersize to scan an unlimited number of files and folders on internal and external hard drives, CDs and DVDs, and network share drives. It supports long file and folder names and Unicode characters and the ability to display the file size in bytes, kilobytes, megabytes, and gigabytes. GetFoldersize allows you to print the folder tree and to save the folder tree and information to a text file. GetFoldersize is available in a portable version, so you can carry it around with you on a USB flash drive or other external drive. However, if you install GetFoldersize, an option is added to the context menu in Windows Explorer allowing you to start GetFoldersize and scan a folder by right clicking

RidNacs

RidNacs is a fast disk space analyzer that scans local drives, network drives, or a single directory and shows the results in a tree view with a bar chart displaying percentages. You can save the results of

the scan in multiple formats (.txt, .csv, .html, or .xml). Files can be opened and deleted directly within RidNacs. During installation, you can choose to add an option to the Windows Explorer context menu that allows you to right-click on a folder or drive, open RidNacs, and start a scan on the selected folder or drive immediately. When you scan a folder, it's added to the list of Favorites under a list of available drives on your computer. You can also change the look of the bars on the bar chart with skins.

Scanner

Scanner uses an extended pie chart with concentric rings to display the usage of the space on your hard drive, external drive, network drive, etc. The outer segments of the rings represent deeper directory levels. Moving your mouse over a segment of the chart displays the full path at the top of the window and the size of the directory and the number of files in the directory below the path. Right-clicking on a segment provides additional options. The Zoom option allows you to zoom into the selected directory

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different criteria. You can also manage your files directly within the program and view, open, delete, copy, and move files the same as you would in Windows Explorer.

Finally, for additional ideas on how to regain hard disk space in Windows 7, see the HowToGeek article

and is also available by clicking on the segment. You can also Open, Recycle (delete by moving to the Recycle Bin), and Remove and file or directory directly within Scanner.

Scanner comes with two .reg files that allow you to add Scanner to the Windows Explorer context menu and remove it again. It is a portable program and comes with two text files (one of them in English) that describes the usage of the program.

Free Disk Analyzer

Free Disk Analyzer displays a tree of all your drives on the left like Windows Explorer, allowing you to drill down to deeper folders and files. The right side of the window displays all the subfolders and files in the currently selected folder or drive, the size and the percentage of disk space each subfolder and file uses. Free Disk Analyzer also displays your disk usage as a pie chart at the bottom of the right side of the window. Tabs at the bottom of the right side of the window allow you to view the contents of the selected folder or drive or view the largest files or largest folders. Click the column headings to sort by

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by Lori Kaufman about simple tips to reduce disk usage.

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BUMP - iPad/iPhone Application

*Bill Crowe, 2nd Vice President, Sarasota PC Users Group, FL
Newsletter: PC Monitor (www.spcug.org) editor (at) spcug.org*



Use Bump™ to share contact information and photos by simply bumping two phones together. Just open Bump; hold your phones, and gently bump your hands together.

Bump will magically do all the rest.

Bump photos from your phone to your computer! Just go to <http://bu.mp> on your computer web browser.

Use Bump with all your friends! More than 90 million downloads. Bump works cross-platform on iPhone, iPod, iPad, and most other modern mobile

phones. It works with PCs and Mac's as well.

Price: Free

For the paid app you get more function, for example you can transfer more pictures at one time.

* Pay only ONCE to install this app on your iPhone and iPad (as long as the same iTunes account is used on both devices).

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SIG News

LUNICS (Linux/Unix)

Andreas Meyer (lunics@acgnj.org)
<http://www.acgnj.org/groups/lunics.html>

LUNICS is a group for those who share an interest in Unix and similar operating systems. While we do quite a bit with Linux, we've also been known to discuss Solaris and BSD as well. Recent meetings have followed a Random Access format. See our web page for further information. (We meet on the first Monday of each month, at 8:00 PM). ☐

Main Meeting

Evan Williams (president@acgnj.org)
<http://www.acgnj.org/groups/mainmeet.html>

We meet on the first Friday of the month, at 8:00 PM. Each December, this meeting includes our Annual Business Meeting and Officer Elections. *No* meetings in July or August. ☐

Layman's Forum

Matt Skoda (som359@gmail.com)
<http://www.acgnj.org/groups/laymans.html>

This SIG discusses issues of interest to novice users or those planning to get started in computing. Watch our Web page for updates and announcements. We meet at the same time as the Hardware Workshop. (On the second Monday of the month, at 8:00 PM). *No* meetings in July and August. ☐

Hardware Workshop

Mike Reagan (hardware@acgnj.org)

This group is dedicated to repairing, refurbishing and/or recycling older computers. Ten people attended the first meeting, so there is still a market for this type of event. Although we looked at some of the older equipment stored in the back room, most of our time was spent in talking about past experiences and planning for the future. Hopefully, we can establish a viable long-term schedule of projects, and keep the interest of those who attended this inaugural meeting. If you have a hardware problem, bring it in and we can all help fix or demolish it. (No guarantees either way.) We meet at the same time as the Layman's Forum. (On the second Monday of each month, at 8:00 PM). ☐

Java

Mike Redlich (mike@redlich.net)
<http://www.redlich.net/javasig/javasig.html>

This SIG covers beginner, intermediate, and advanced level Java programming. Primary focus is on developing useful/practical applets and applications. (We meet on the second Tuesday of each month, at 7:30 PM). ☐

Mobile Devices

Brenda Bell (mobdevsig@acgnj.org)

The Mobile Devices SIG focuses largely on current-generation cellphones and smart phones (such as Blackberry, Android, iPhone) which bridge the gap between basic cell phones and traditional computers, and how they can help you manage and organize your life. Our membership ranges from those who have recently acquired their first, basic cellphone to those who develop applications for today's modern smart phones, iPods, and ultra-portable computers. While we expect to spend much of our time investigating the built-in features and specialized applications available to modern smart phones, if you bring your basic (or multimedia) cell phone, iPod, or other mobile device with questions on how to use it, where to find applications, or what features they have, we are always happy to help! Meet and greet and plan where this event goes. Bring all your ideas, PDAs, fancy phones, etc. (We meet on the second Wednesday of alternate months (we get the even ones), at 7:30PM). ☐

WebDev

Evan Williams (webdev@acgnj.org)

This SIG is an open forum for all Website Development techniques and technologies, to encourage study and development of web sites of all kinds. All languages will be considered and examined. The current project is a CMS for the club. Anyone interested in starting a new project, come to the meeting and announce/explain. Provide as much detail as possible. WebDev should be an all-encompassing development and examination forum for all issues, applications, OS, languages and systems one can use to build Websites. We currently

have two web development language SIGs: .NET and Java; but other languages and OS need to be investigated, examined and tested; Windows, Linux, UNIX, DEC, Vax, HP etc. Intel-PC, Motorola - MAC etc. (We meet on the second Wednesday of alternate months (we get the odd ones), at 7:30 PM). ☞

Investment Software

Jim Cooper (jim@thecoopers.org)

http://www.acgnj.org/groups/sig_investment.html

The Investment SIG continues with presentations on how to use analysis programs TC2000 and TCNet. Large charts are presented on our pull down screen and illustrate the application of computer scans and formulas to find stocks for profitable investments. Technical analysis determines buy points, sell points and projected moves. Technical analysis can also be used on fundamentals such as earnings, sales growth, etc. We're no longer focusing on just Telechart. If you are using (or interested in) Tradestation, eSignal, VectorVest, or just in learning how to select and use charting and technical analysis, come join us!! (We meet on the second Thursday of the month, at 8 PM). ☞

NJ Gamers

Gregg McCarthy (greggmajestic@gmail.com)

<http://www.NJGamers.com>

www.lanparty.com

The Friday Night Frag starts at 6:00 PM on the second Friday of each month, and keeps going until 12 Noon on Saturday - 18 hours for 5 bucks!

BYOC - Bring your own computer.

BYOF - Bring your own food.

And if you don't like sitting on metal folding chairs...

BYO chair! ☞

Web Browser (Formerly Firefox)

David McRitchie (firefox@acgnj.org).

This SIG is an open forum for all Firefox and Mozilla techniques and technologies, to encourage study and development of web sites of all kinds. All browsers will be considered and examined. All members and guests are invited to check out the design concepts and voice their opinion. (We meet on the third Monday of each month, at 7:30 PM). ☞

C/C++ Programming

Bruce Arnold (barnold@ieee.org)

<http://acgnj.barnold.us/index.html>

This is a forum for discussion of programming in general, beginning and intermediate level C, C++, C-Win programming, hardware, algorithms, and operating systems. We demonstrate real programming in a non-intimidating way, presenting complete code for working programs in 3-5 sheets of paper. (We meet on the third Tuesday of each month, at 7:30 PM). **No** meetings in July or August. ☞

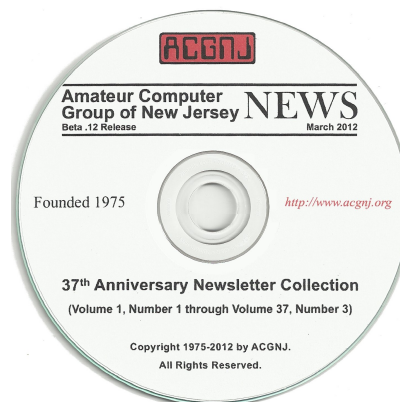
Window Pains

John Raff (jraff@comcast.net)

<http://www.acgnj.org/groups/winpains.html>

Intended to provide members with Windows oriented discussions, Microsoft and Linux style. Directed to more technological level of attendee, but newbies are welcomed. (We meet on the third Friday of the month at 8:00 PM). **No** meetings in July or August. ☞

37th Anniversary Newsletter CD Now On Sale



Beta .12 Release.

\$8.00, including postage.

(\$7.00 if you pick up a copy at a meeting).

Get yours today!

Back Issues Still Needed

Our collection remains incomplete. Below is a list of missing newsletters. Anyone who lends us one of these (or supplies a good clear copy) will receive the next CD as our thanks.

1975: #2 and #3 (dates uncertain).

1976: January.

1984: August.

1985: June, July, August, September. ☞

Guru Corner

If you need help with any of the technologies listed below, you can call on the person listed. Please be considerate and call before 10 PM.

Software

HTML	Mike Redlich	908-246-0410
	Jo-Anne Head	908-769-7385
ColdFusion	Jo-Anne Head	908-769-7385
CSS	Frank Warren	908-756-1681
	Jo-Anne Head	908-769-7385
Java	Mike Redlich	908-246-0410
C++	Bruce Arnold	908-735-7898
	Mike Redlich	908-246-0410
ASP	Mike Redlich	908-246-0410
Perl	John Raff	973-560-9070
	Frank Warren	908-756-1681
XML	Mike Redlich	908-246-0410
Genealogy	Frank Warren	908-756-1681
Home Automation	Frank Warren	908-756-1681

Operating Systems

Windows 3.1	Ted Martin	732-636-1942
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ACGNJ T-Shirts For Sale



(Front)



(Back)

L, XL: \$15.00

M: 2 for \$15.00

bob.hawes (at) acgnj.org

ACGNJ MEMBERSHIP APPLICATION

Sign up online at www.acgnj.org/membershipApplication.html and pay dues with PayPal.

US/CANADA		Dues	STUDENT	SENIOR CITIZEN (Over 65)
1 Year	\$25		\$20	\$20
2 Years	\$40			
3 Years	\$55			\$45

Mail this application and your check to:
AMATEUR COMPUTER GROUP OF NEW JERSEY, INC., P.O. BOX 135, SCOTCH PLAINS, NJ 07076

☐ New Member ☐ Renewal ☐ Address Change

First Name _____ Last Name _____ Phone _____

Mailing Address _____ E-Mail _____

City _____ State _____ Zip _____ URL _____

What topics would you like to see covered at club meetings? _____

Other Local Computer Groups		
Princeton Macintosh User Group: 7:15 pm 2nd Tuesday, Jadwin Hall, A-10, Washington Rd, Princeton, (609) 252-1163, www.pmug-nj.org	Linux Users Group in Princeton: 7 pm, 2nd Wednesday, Lawrence Branch Mercer Library, Rt#1 & Darrah Lane, Lawrence NJ http://www.lugip.org	New York PC: 3rd Thurs, 7 pm, PS 41, 116 W 11th St. For info call hotline, (212) 533-NYPC, http://www.nypc.org
Computer Education Society of Philadelphia: Meetings & Workshops at Jem Electronics, 6622 Castor Ave, Philadelphia PA. www.cesop.org/	Brookdale Computer Users Group: 7 pm, 3rd Friday, Brookdale Community College, Bldg MAS Rm 100, Lincroft NJ. (732)-739-9633. www.bcug.com	NJ Macintosh User Group: 8 pm, 3rd Tuesday, Allwood Branch Library, Lyall Rd, Clifton NJ. (201) 893-5274 http://www.njmug.org
PC User Group of So. Jersey: 2nd Mon., 7 pm, Trinity Presb. Church, 499 Rt 70 E, Cherry Hill, NJ. L. Horn, (856) 983-5360	Hunterdon Computer Club: 8:30 am, 3rd Sat, Hunterdon Medical Center, Rt 31, Flemington NJ. www.hunterdoncomputerclub.org , (908) 995-4042.	NY Amateur Computer Group: 2nd Thurs, 7 pm, Rm 806 Silver Bldg, NYU, 32 Waverly Pl, NYC. http://www.nyacc.org
Morris Micro Computer Club: 7 pm 2nd Thurs., Morris County Library, Hanover Ave, Morristown NJ, (973) 267-0871. http://www.morrismicro.com	Central Jersey Computer Club: 8 pm, 4th Friday, Rm 74, Armstrong Hall, College of NJ. Rich Williams, (609) 466-0909.	NJ PC User Group: 2nd Thurs, Monroe Rm at Wyckoff Public Library, 7 pm. Maureen Shannon, (201) 853-7432, www.njpcug.org
Philadelphia Area Computer Society: 3rd Sat, 12 noon Main Meeting, groups 8 am-3 pm. Upper Moreland Middle School, Hatboro PA. (215) 764-6338. www.pacsnet.org	NJ Computer Club: 6:15 pm, 2nd Wednesday except Jul & Aug, North Branch Reformed Church, 203 Rt 28, Bridgewater NJ. http://www.njcc.org	Princeton PC Users Group: 2nd Monday, Lawrenceville Library, Alt Rt 1 & Darrah Lane, Lawrenceville, Paul Kurivchack (908) 218-0778, http://www.ppcug-nj.org

Classified

FREE TO MEMBERS. Use our classified ads to sell off your surplus computer stuff. Send copy to Classified, ACGNJ NEWS, P.O. Box 135, Scotch Plains NJ 07076 or e-mail to the editor, bdegroot@ptd.net. Classified ads are free to members, one per issue. Non-members pay \$10. Send check payable to ACGNJ Inc. with copy. Reasonable length, please.



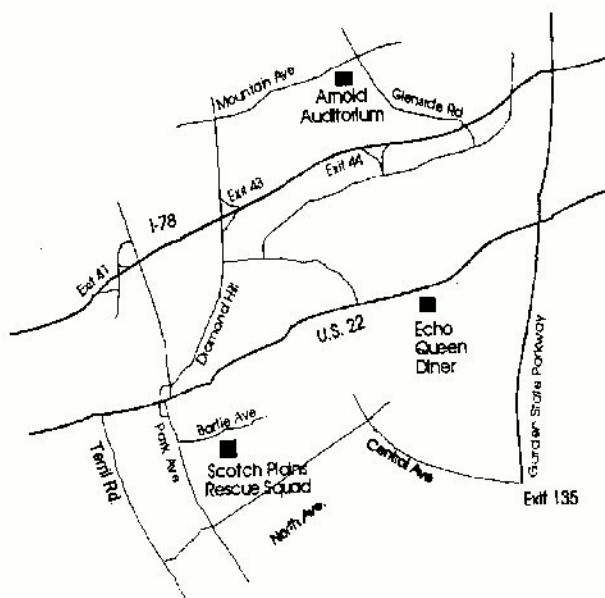
Radio and TV Programs

Computer Radio Show, WBAI 99.5 FM, NY, Wed. 8-9 p.m.

Software Review, The Learning Channel, Saturday 10-10:30 p.m.

On Computers, WCTC 1450 AM, New Brunswick, Sunday 1-4 p.m. To ask questions call (800) 677-0874.

PC Talk, Sunday from 8 p.m. to 10 p.m., 1210 AM Philadelphia. 1-800-876-WPEN



Directions to Meetings at Scotch Plains Rescue Squad, 1916 Bartle Ave., Scotch Plains NJ

From New York City or Northern New Jersey

Take Route 1&9 or the Garden State Parkway to US 22 Westbound.

From Southern New Jersey

Take Parkway north to Exit 135 (Clark). Stay on left of ramp, follow circle under Parkway. Bear right to Central Avenue; follow to Westfield and under RR overpass. Left at light to North Avenue; follow to light in Fanwood. Right on Martine (which becomes Park Ave). Right on Bartle Ave in middle of shopping district. Scotch Plains Rescue Squad (2-story brick) is located on the right. Do not park in the row next to the building — you'll be towed.

From I-78 (either direction)

Take exit 41 (Scotch Plains); follow signs to US 22. Turn right at light at bottom of hill and use overpass to cross Rt. 22. Follow US 22 Westbound directions.

From US 22 Westbound

Exit at Park Avenue, Scotch Plains after McDonalds on the right, diagonally opposite Scotchwood Diner on the left, immediately before the overpass. After exiting, turn left at the light and use overpass to cross US 22. Bear right at bottom of ramp to continue south on Park Avenue. Turn left at the second light (a staggered intersection). Scotch Plains Rescue Squad (2-story brick) is on the right. Do not park in the row next to the building — you'll be towed. We meet on the second floor, entering by the door at the right front of the building.

From Western New Jersey

Take US 22 Eastbound to the Park Avenue exit. The exit is about a mile past Terrill Road and immediately past the overpass. Exit onto Park Avenue South and follow the directions above to the Rescue Squad building. ☐